

(FILE 'HOME' ENTERED AT 12:47:35 ON 09 NOV 2004)

FILE 'REGISTRY' ENTERED AT 12:49:42 ON 09 NOV 2004

L1 0 S PHOSPHATIDIC ACID/CN
L2 220 S PHOSPHATIDIC ACID
L3 0 S LYSOPHOSPHATIDIC ACID/CN
L4 121 S LYSOPHOSPHATIDIC ACID
L5 0 S LYSOPHOSPHATIDYL CHOLINE/CN
L6 1 S LYSOPHOSPHATIDYLCHOLINE/CN
L7 0 S LYSOPHOSPHATIDYL SERINE/CN
L8 0 S LYSOPHOSPHATIDYL SERINE/CN
L9 5 S LYSOPHOSPHATIDYL SERINE
L10 0 S PHOSPHATIDE/CN
L11 0 S SPHYINGOLYCOLIPID/CN
L12 0 S SPHYINGOLYCOLIPID
L13 2 S SPHINGOLYCOLIPID
L14 0 S LYSOPHOSPHATIDICACID/CN
L15 0 S PHOSPHATIDICACID/CN
L16 0 S PHOSPHATIDIC-ACID/CN
L17 0 S PHOSPHATIDIC/CN
L18 0 S PHOSPHATIDE/CN
L19 0 S LYSO-STEAROYL PHOSPHATIDIC ACID
L20 0 S LYSOSTEAROYL PHOSPHATIDIC ACID

FILE 'USPATFULL' ENTERED AT 13:04:30 ON 09 NOV 2004

L21 0 S LYSOSTEAROYL PHOSPHATIDIC ACID
L22 37 S LYSO? PHOSPHATIDIC ACID
L23 96 S LYSO? (2W) PHOSPHATIDIC ACID
L24 5 S L23 (100A) ?SPHINGOSINE
L25 1 S L23 AND PHYTOSPHINGOSINE
L26 0 S KWIC, IBIB
L27 0 S L2D HIS3 AND PHYTOSPHINGOSINE

=>

FILE 'REGISTRY' ENTERED AT 12:49:42 ON 09 NOV 2004

L1 0 S PHOSPHATIDIC ACID/CN
L2 220 S PHOSPHATIDIC ACID
L3 0 S LYSOPHOSPHATIDIC ACID/CN
L4 121 S LYSOPHOSPHATIDYL CHOLINE/CN
L5 0 S LYSOPHOSPHATIDYLCHOLINE/CN
L6 1 S LYSOPHOSPHATIDYLCHOLINE/CN
L7 0 S LYSOPHOSPHATIDYL SERINE/CN
L8 0 S LYSOPHOSPHATIDYL SERINE/CN
L9 5 S LYSOPHOSPHATIDYL SERINE
L10 0 S PHOSPHATIDE/CN
L11 0 S SPHYINGOGLYCOLIPID/CN
L12 0 S SPHYINGOGLYCOLIPID
L13 2 S SPHINGOGLYCOLIPID

lyso-

Lysis, dissolution.

See: lyo-

Origin: G. Lysis, a loosening

(05 Mar 2000)

Previous: [lysinogen](#), [lysinogenic](#), [lysinuria](#), [lysinuric protein intolerance](#), [lysis](#)

Next: [lysoamidase](#), [lysocephalin](#), [lysogen](#), [lysogenesis](#), [lysogenic](#)

lysoamidase

<chemical> A mixture of [proteolytic enzymes](#) from [pseudomonadaceae](#); [proteinases](#) and [phosphomonoesterases](#); soviet cpd

Pharmacological action: [anti-infective agent](#)

Chemical name: [amidase](#), [lyso-](#)

(26 Jun 1999)

Previous: [lysinogen](#), [lysinogenic](#), [lysinuria](#), [lysinuric protein intolerance](#), [lysis](#), [lyso-](#)

Next: [lysocephalin](#), [lysogen](#), [lysogenesis](#), [lysogenic](#), [lysogenic bacteria](#)

lysocephalin

A [lysophosphatidic acid](#) esterified with [serine](#) or [ethanolamine](#), i.e., a [lysophosphatidylserine](#) or - [ethanolamine](#); analogous to [lysolecithin](#).

(05 Mar 2000)

Previous: [lysinogenic](#), [lysinuria](#), [lysinuric protein intolerance](#), [lysis](#), [lyso-](#), [lysoamidase](#)

Next: [lysogen](#), [lysogenesis](#), [lysogenic](#), [lysogenic bacteria](#)

lysogen

<microbiology> A bacterial cell whose chromosome contains integrated viral DNA.

(15 Oct 1997)

Previous: [lysinuric protein intolerance](#), [lysis](#), [lyso-](#), [lysoamidase](#), [lysocephalin](#)
Next: [lysogenesis](#), [lysogenic](#), [lysogenic bacteria](#), [lysogenic bacterium](#)

lysogenesis

The production of lysins.

(05 Mar 2000)

Previous: [lysinuric protein intolerance](#), [lysis](#), [lyso-](#), [lysoamidase](#), [lysocephalin](#), [lysogen](#)
Next: [lysogenic](#), [lysogenic bacteria](#), [lysogenic bacterium](#)

lysogenic

1. Causing or having the power to cause lysis, as the action of certain antibodies and chemical substances.
2. Pertaining to bacteria in the state of lysogeny.

(05 Mar 2000)

Previous: [lysinuric protein intolerance](#), [lysis](#), [lyso-](#), [lysoamidase](#), [lysocephalin](#), [lysogen](#), [lysogenesis](#)
Next: [lysogenic bacteria](#), [lysogenic bacterium](#), [lysogenic conversion](#)

lysogenic bacteria

<microbiology> A bacterium which contains in its genome the DNA of a virus which is lying dormant, passively letting itself be replicated by the bacterium whenever the bacterium replicates its own genome (a lysogenic virus), but able to reactivate and destroy the bacterium at a time of the virus's choosing (becomes a lytic virus).

(15 Oct 1997)

Previous: [lysis](#), [lyso-](#), [lysoamidase](#), [lysocephalin](#), [lysogen](#), [lysogenesis](#), [lysogenic](#)
Next: [lysogenic bacterium](#), [lysogenic conversion](#), [lysogenic induction](#)

lysogenic bacterium

A bacterium in the symbiotic condition in which its genome includes the genome (probacteriophage) of a temperate bacteriophage; in occasional instances the probacteriophage dissociates from the bacterial genome, develops into vegetative bacteriophage, and then matures, causing lysis of the respective host bacterium and release into the culture medium of infective temperate bacteriophage, formerly, a pseudolysogenic bacterial strain, i.e., a "carrier" strain of bacteriophage of low infectivity.

(05 Mar 2000)

Previous: [lysoamidase](#), [lysocephalin](#), [lysogen](#), [lysogenesis](#), [lysogenic](#), [lysogenic bacteria](#)
Next: [lysogenic conversion](#), [lysogenic induction](#), [lysogenic infection](#)

lysogenic conversion

[lysogeny](#)

Previous: [lysogen](#), [lysogenesis](#), [lysogenic](#), [lysogenic bacteria](#), [lysogenic bacterium](#)
Next: [lysogenic induction](#), [lysogenic infection](#), [lysogenicity](#)

lysogenic induction

Induction that occurs when prophage is transferred to a nonlysogenic bacterium by conjugation or by transduction.

(05 Mar 2000)

Previous: [lysogenic](#), [lysogenic bacteria](#), [lysogenic bacterium](#), [lysogenic conversion](#)
Next: [lysogenic infection](#), [lysogenicity](#), [lysogenic pathway](#), [lysogenic strain](#)

lysogenic infection

An infective process characterised by the incorporation of the DNA of the infecting phage into the host cell chromosome. Once incorporated, the phage DNA replicates along with the host DNA. The incorporated phage DNA is relatively inactive, thus permitting the host cell to continue fairly normal life processes.

(14 Nov 1997)

Previous: [lysogenic bacteria](#), [lysogenic bacterium](#), [lysogenic conversion](#), [lysogenic induction](#)
Next: [lysogenicity](#), [lysogenic pathway](#), [lysogenic strain](#), [lysogenic virus](#)

lysogenicity

The property of being lysogenic.

(05 Mar 2000)

Previous: [lysogenic bacterium](#), [lysogenic conversion](#), [lysogenic induction](#), [lysogenic infection](#)
Next: [lysogenic pathway](#), [lysogenic strain](#), [lysogenic virus](#), [lysogenization](#)

lysogenic pathway

<virology> The method by which a virus becomes a dormant, passive part of its host bacterium's genome (a lysogenic virus), choosing to insert its DNA into the host's and postponing completion of its lytic cycle, at which time it destroys the host and spreads its progeny to infect other bacterial cells (enters the lytic pathway).

(09 Oct 1997)

Previous: [lysogenic conversion](#), [lysogenic induction](#), [lysogenic infection](#), [lysogenicity](#)

Next: [lysogenic strain](#), [lysogenic virus](#), [lysogenization](#), [lysogeny](#), [lysokinase](#)

lysogenic strain

A strain of bacterium that is infected with a temporare bacteriophage.

See: [lysogeny](#).

(05 Mar 2000)

Previous: [lysogenic induction](#), [lysogenic infection](#), [lysogenicity](#), [lysogenic pathway](#)

Next: [lysogenic virus](#), [lysogenization](#), [lysogeny](#), [lysokinase](#), [lysolecithin](#)

lysogenic virus

<virology> A virus which has the capability to insert its DNA into the genome of the host bacterium for long-term dormancy, so that the bacterium replicates the viral DNA along with its own and passes it to its offspring. The virus is able to choose when it wants to reactivate and finish its lytic cycle, at which time it destroys the host and spreads its progeny to infect other bacterial cells.

(09 Oct 1997)

Previous: [lysogenic infection](#), [lysogenicity](#), [lysogenic pathway](#), [lysogenic strain](#)

Next: [lysogenization](#), [lysogeny](#), [lysokinase](#), [lysolecithin](#), [lysolecithinase](#)

lysogenization

The process by which a bacterium becomes lysogenic.

(05 Mar 2000)

Previous: [lysogenic infection](#), [lysogenicity](#), [lysogenic pathway](#), [lysogenic strain](#), [lysogenic virus](#)

Next: [lysogeny](#), [lysokinase](#), [lysolecithin](#), [lysolecithinase](#)

lysogeny

<virology> The ability of some phages to survive in a bacterium as a result of the integration of their DNA into the host chromosome. The integrated DNA is termed a prophage. A regulator gene produces a repressor protein that suppresses the lytic activity of the phage, but various environmental factors, such as ultraviolet irradiation may prevent synthesis of the repressor, leading to normal phage development and lysis of the bacterium. The best example of this is bacteriophage lambda.

(18 Nov 1997)

Previous: lysogenic pathway, lysogenic strain, lysogenic virus, lysogenization

Next: lysokinase, lysolecithin, lysolecithinase

lysokinase

Term proposed for activator agents (e.g., streptokinase, urokinase, staphylokinase) that produce plasmin by indirect or multiple-stage action on plasminogen.

(05 Mar 2000)

Previous: lysogenic pathway, lysogenic strain, lysogenic virus, lysogenization, lysogeny

Next: lysolecithin, lysolecithinase, lysolecithin-lecithin acyltransferase

lysolecithin

A lysophosphatic acid that contains choline; capable of lysing erythrocytes.

Synonym: lysophosphatidylcholine.

(05 Mar 2000)

Previous: lysogenic strain, lysogenic virus, lysogenization, lysogeny, lysokinase

Next: lysolecithinase, lysolecithin-lecithin acyltransferase

lysolecithinase

lysophospholipase

Previous: lysogenic strain, lysogenic virus, lysogenization, lysogeny, lysokinase, lysolecithin

Next: lysolecithin-lecithin acyltransferase

lysolecithin-lecithin acyltransferase

<enzyme> An enzyme that catalyses the reversible reaction of lysolecithin and another phospholipid (e.g., phosphatidylethanolamine) to form lecithin and lysophosphatidylethanolamine; a major route in the restructuring of lecithin.

(05 Mar 2000)

Previous: [lysogenic virus](#), [lysogenization](#), [lysogeny](#), [lysokinase](#), [lysolecithin](#), [lysolecithinase](#)

Next: [lysomonogalactosyldiacylglycerol acyltransferase](#), [lysophosphatide](#)

lysomonogalactosyldiacylglycerol acyltransferase

<enzyme> Transfers acyl group from acyl-acyl-carrier protein to an endogenous lysomonogalactosyldiacylglycerol to form monogalactosyldiacylglycerol

Registry number: EC 2.3.1.-

Synonym: acp-lysomgdg acyltransferase, monogalactosyldiacylglycerol synthase, mgdg synthase

(26 Jun 1999)

Previous: [lysolecithin](#), [lysolecithinase](#), [lysolecithin-lecithin acyltransferase](#)

Next: [lysophosphatide](#), [lysophosphatidic acid](#)

lysophosphatide

<biochemistry, cell biology> Mono acyl derivatives of diacyl phospholipids that are present in membranes as a result of cyclic deacylation and reacylation of phospholipids. Membranolytic in high concentrations and fusogenic at concentrations that are just sub lytic. May have important modulatory roles.

(15 Oct 1997)

Previous: [lysolecithin-lecithin acyltransferase](#), [lysomonogalactosyldiacylglycerol acyltransferase](#)

Next: [lysophosphatidic acid](#), [lysophosphatidic acid acyltransferase](#)

lysophosphatidic acid

A phosphatidic acid in which only one of the two hydroxyl groups of the glycerophosphate is esterified; most commonly, when carbon-1 of the glycerol moiety is esterified (e.g., 1-acylglycerol-3-phosphate).

(05 Mar 2000)

Previous: [lysolecithin-lecithin acyltransferase](#), [lysomonogalactosyldiacylglycerol acyltransferase](#), [lysophosphatide](#)

Next: [lysophosphatidic acid acyltransferase](#)

lysophosphatidic acid acyltransferase

1-acylglycerol-3-phosphate acyltransferase.

(05 Mar 2000)

Previous: lysomonogalactosyldiacylglycerol acyltransferase, lysophosphatide, lysophosphatidic acid

Next: lysophosphatidic acid-hydrolysing lysophospholipase

lysophosphatidic acid-hydrolysing lysophospholipase

<enzyme> Catalyses the hydrolysis of lysophosphatidic acids

Registry number: EC 3.1.1.-

Synonym: (1-acyl-sn-glycero-3-phosphate)-hydrolysing lysophospholipase, lpa-hydrolysing lysophospholipase, lpa-hlpl

(26 Jun 1999)

Previous: lysophosphatide, lysophosphatidic acid, lysophosphatidic acid acyltransferase

Next: lysophosphatidic acid phosphatase, lysophosphatidylcholine

lysophosphatidic acid phosphatase

<enzyme> Forms 1-acyl-sn-glycerol plus pi

Registry number: EC 3.1.3.-

(26 Jun 1999)

Previous: lysophosphatidic acid acyltransferase, lysophosphatidic acid-hydrolysing lysophospholipase

Next: lysophosphatidylcholine, lysophosphatidylcholines

lysophosphatidylcholine

lysolecithin

Previous: lysophosphatidic acid-hydrolysing lysophospholipase, lysophosphatidic acid phosphatase

Next: lysophosphatidylcholines, lysophosphatidylserine, lysophospholipase

lysophosphatidylcholines

Derivatives of phosphatidylcholines obtained by their partial hydrolysis which removes one of the fatty acid moieties.

(12 Dec 1998)

Previous: [lysophosphatidic acid-hydrolysing lysophospholipase](#), [lysophosphatidic acid phosphatase](#), [lysophosphatidylcholine](#)

Next: [lysophosphatidylserine](#), [lysophospholipase](#)

lysophosphatidylserine

Phosphatidylserine from which one fatty acid residue has been removed from the glycerol moiety, typically at carbon-2.

Compare: [lysophosphatidic acid](#).

(05 Mar 2000)

Previous: [lysophosphatidic acid phosphatase](#), [lysophosphatidylcholine](#), [lysophosphatidylcholines](#)

Next: [lysophospholipase](#), [lysophospholipase-transacylase](#), [lysophospholipids](#)

lysophospholipase

<enzyme> An enzyme that catalyses the hydrolysis of a single fatty acid ester bond in lysoglycerophosphatidates with the formation of glyceryl phosphatidates and a fatty acid.

Chemical name: [2-Lysophosphatidylcholine acylhydrolase](#)

Registry number: EC 3.1.1.5

(12 Dec 1998)

Previous: [lysophosphatidylcholine](#), [lysophosphatidylcholines](#), [lysophosphatidylserine](#)

Next: [lysophospholipase-transacylase](#), [lysophospholipids](#)

lysophospholipase-transacylase

<chemical>

Synonym: [lysophosphatidylcholine](#) [lysophosphatidylcholine transacylase](#), [Ipta-i](#), [Ipta-ii](#)

(26 Jun 1999)